THE STANDARD ELECTRIC TOOL CO.

Cable Address "STANDTOOL" Ohio
Iron Age Code on page 8

CINCINNATI, OHIO, U.S.A.

Manufacturers of Drills and Grinders

Other Codes Used Lieber's, ABC

Products

PORTABLE ELECTRIC DRILLS AND GRINDERS

"Standard" Portable Electric Drills

Fig. 1 shows our portable electric drill of from 3/16 to 1/4 in. (5 to 6 mm.) size. These machines are of the highest quality throughout, and have ball bearings which are cased in grease in dust-proof chambers. The motors are impregnated with an insulating material. Every tool is fully guaranteed.

Gears are made from a special grade of steel, case-hardened, and run in grease. On the 1/2 in. (13 mm.) and smaller sizes, 10 ft. (3 m.) of cord with connector is furnished, and on larger sizes, 20 ft. (6,1 m.) with connector.

All weights given are net; for shipping weight 100 per cent. should be added.

UNIVERSAL DRILLS—These drills have a variable speed which is regulated automatically according to size of twist drill used up to maximum capacity. The 1/2 in. (13 mm.) size and larger are wound for any voltage up to 650.

All universal drills will run off lamp socket or power circuit of same voltage. They have an excess of power over and above rated capacity, preventing overloads or burnouts. Fig. 2 shows our portable electric drill, in sizes 3/8, 1/2, 5/8, in (10, 13, 16 mm.). Fig. 3 shows the 3/4, 7/8, 1, 1 1/4 in. (19, 22, 25, 32 mm.) sizes with attachments.

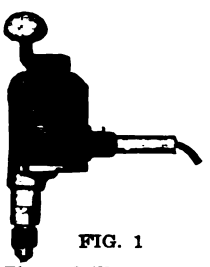

FIG. 1

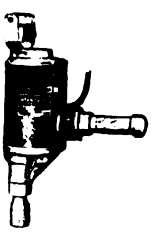

FIG. 2

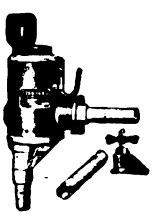

FIG. 3

These drills are perfectly interchangeable on both A.C. and D.C. current of same voltage

TABLE I. SPECIFICATIONS

Type	Speed, r.p.m.	Drilling Capacity Steel in.	Steel mm.	Wood in.	Wood mm.	Reaming Capacity in.	Reaming Capacity mm.	Weight lb.	Weight kg.	Code Word Voltage 110	Code Word Voltage 220
C1U	1000	1/4	5	1/4	6	—	—	6	2,7	ULSTER	ULONG
C2U	900	1/4	6	3/8	10	—	—	7	3,2	UPTON	UNCAS
C2½U	800	1/4	8	1/2	13	—	—	8	3,6	UNION	UMBER
C3U	700	3/8	10	5/8	16	1/4	6	14	6,4	URUAY	ULLAN
C4U	450	1/2	13	3/4	19	3/8	10	19	8,6	DULCET	DUCAT
C5U	400	5/8	16	7/8	22	1/2	13	26	11,8	URBAN	URN
C6U	300	3/4	19	1	25	1/2	13	28	12,7	UMBRAG	UMBOG
C7U	250	7/8	22	1 1/4	32	5/8	16	35	15,9	UXEL	URMON
C8U	200	1	25	1 1/2	38	3/4	19	40	18,1	UMPIRE	UPLAND
C10U	175	1 1/4	32	2	51	—	—	48	21,8	ULMER	UDOW

ALTERNATING CURRENT DRILLS—2 and 3 phase, 60 cycle drills. Also furnished for lower frequencies down to 40 cycles. Speeds shown in following table are based on 60 cycles on 1/2 in. (13 mm.) sizes and above. Motors are wound for any voltage up to 440. All drills fitted with cord and connector for power lines. Fig. 4 shows 5/16 in. (8 mm.) size.

FIG. 4

TABLE II. SPECIFICATIONS

Type	Speed, r.p.m.	Drilling Capacity Steel in.	Steel mm.	Wood in.	Wood mm.	Weight lb.	Weight kg.	Code Word Voltage 110	Code Word Voltage 220
C2SAI	700	1/4	6	3/8	10	12	5.4	ANGLE	ADMAN
C2½SAI	700	1/4	8	1/2	13	14	6.4	ACRE	ALLEN
C3SAI	600	3/8	10	5/8	16	17	7.7	DAYTON	DOKOTA
C4SAI	400	1/2	13	3/4	19	24	10.9	DOLEMAN	DAUPHIN
C6SAI	300	3/4	19	1	25	28	12.7	ALMOND	ALEXIS
C7SAI	250	7/8	22	1 1/4	32	32	14.5	ALASKA	AJAX
C10SAI	135	1 1/4	32	2	51	50	22.7	AXEL	ATCHER

Note: When ordering, specify cycle, and phase on which you will operate electric tool. State whether 110 or 220 volts.

"Standard" Electric Grinders

PARALLEL GRINDERS — Are furnished with angle plate to be bolted on compound rest of lathe, as shown in Fig. 5. Especially adapted for grinding work in planing or boring mill. They have a vertical adjustment of 4 in. (102 mm.).

Furnished for 2 and 3 phase power circuit connection when specified. Type C12PA made for 2 or 3 phase only.

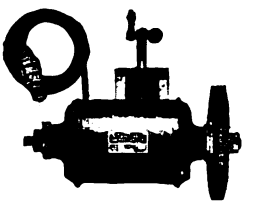

FIG. 5

TABLE III. A. C. 60 CYCLE, SINGLE PHASE

	C6PA	C12PA
(1) Type		
(2) Capacity h.p.	1/2	1
(3) Speed r.p.m.	3400	1700
(4) Dimensions in. (mm.)	7½x15 (191x381)	10x15 (254x381)
(5) Weight, net lb. (kg.)	70 (32)	80 (36)
(6) Weight, gross lb. (kg.)	100 (45)	150 (68)
(7) Emery wheel in. (mm.)	8x3/4 (203x19)	10x1 (254x25)
(8) Emery wheel hole in. (mm.)	5/8 (16)	3/4 (19)
(9) Code word 110 (220) volt	POLO (PECAN)	PORT (PLOW)

TABLE IV. D. C. LAMP SOCKET CONNECTION

	C6P	C12P
(1) Type		
(2) Capacity h.p.	1/2	1
(3) Speed r.p.m.	2600	2000
(4) Dimensions in. (mm.)	7½x15 (191x381)	10x15 (254x381)
(5) Weight, net lb. (kg.)	60 (27)	80 (36)
(6) Weight, gross lb. (kg.)	130 (59)	140 (63)
(7) Emery wheel in. (mm.)	8x3/4 (203x19)	10x1 (254x25)
(8) Emery wheel hole in. (mm.)	5/8 (16)	3/4 (19)
(9) Code word 110 (220) volt	PARTON (PENNANT)	PARTY (PREMIER)

PEDESTAL GRINDERS—Construction same as bench grinder, with pedestal and water pot additional. Especially adapted for hard and constant use.

TABLE V. A. C. 60 CYCLE SINGLE PHASE

	C6FA	C12FA
(1) Type		
(2) Capacity h.p.	1/2	1
(3) Speed r.p.m.	3400	1700
(4) Dimensions in. (mm.)	7½x20 (191x508)	8½x21 (216x533)
(5) Weight, net lb. (kg.)	180 (82)	225 (102)
(6) Weight, gross lb. (kg.)	250 (113)	290 (132)
(7) Emery wheel in. (mm.)	8x3/4 (203x19)	10x1 (254x25)
(8) Emery wheel hole in. (mm.)	5/8 (16)	3/4 (19)
(9) Code word 110 (220) volt	FRANCE (FILE)	FALL (FENCE)

TABLE VI. D. C. LAMP SOCKET CONNECTION

	C6F	C12F
(1) Type		
(2) Capacity h.p.	1/2	1
(3) Speed r.p.m.	2600	2000
(4) Dimensions in. (mm.)	7½x20 (191x508)	8½x21 (216x533)
(5) Weight, net lb. (kg.)	165 (75)	205 (93)
(6) Weight, gross lb. (kg.)	245 (111)	280 (127)
(7) Emery wheel in. (mm.)	8x3/4 (203x19)	10x1 (254x25)
(8) Emery wheel hole in. (mm.)	5/8 (16)	3/4 (19)
(9) Code word 110 (220) volt	FAIR (FALCON)	FORT (FERN)

BENCH GRINDERS—For grinding small tools or castings, and for polishing and buffing. Emery wheel on each end, one coarse and one fine; or else one emery and one buffing wheel. Tool rests are detachable. Motor is absolutely water and dust proof. Furnished for 2 and 3 phase power circuit connections when specified. Type C12BA made for 2 or 3 phase only.

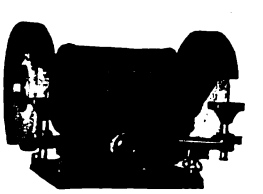

FIG. 6

TABLE VII. A. C. 60 CYCLE SINGLE PHASE

	C3BA	C6BA	C12BA
(1) Type			
(2) Capacity h.p.	1/4	1/2	1
(3) Speed r.p.m.	3400	3400	1700
(4) Dimensions in. (mm.)	6x15 (152x381)	7x16 (179x406)	8x18 (203x457)
(5) Weight, net lb. (kg.)	50 (23)	95 (43)	130 (59)
(6) Weight, gross lb. (kg.)	80 (36)	145 (66)	185 (84)
(7) Emery wheel in (mm.)	6x1/2 (152x13)	8x3/4 (203x19)	10x1 (254x54)
(8) Emery wheel hole. in.(mm.)	5/8 (16)	5/8 (16)	3/4 (19)
(9) Code word 110 (220) volt	BANYA (BENZA)	BAY (BROWN)	BUFF (BOSTON)

TABLE VIII. D. C. LAMP SOCKET CONNECTION

	C6B	C12B
(1) Type		
(2) Capacity h.p.	1/2	1
(3) Speed r.p.m.	2600	2000
(4) Dimensons in. (mm.)	6x15 (152x381)	7x18 (179x457)
(5) Weight, net lb. (kg.)	85 (39)	105 (48)
(6) Weight, gross lb. (kg.)	120 (84)	150 (68)
(7) Emery wheel in. (mm.)	8x3/4 (203x19)	10x1 (254x25)
(8) Emery wheel hole in. (mm.)	5/8 (16)	3/4 (19)
(9) Code word 110 (220) volt	BARTO (BURMA)	BISCAY (BURGOYNE)

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